

Figure 1 is a block diagram illustrating the architecture of a translation system. The system includes the following components and their interconnections:

- Contents Provider Terminal (40):** A terminal that interacts with the contents server and the translation server.
- Contents Server (50):** A server that stores and manages content, represented by a stack of documents (51).
- User Terminal (60):** A terminal that interacts with the translation server.
- Translation Server (70):** The central processing unit, enclosed in a dashed box, which includes:
  - Translation Request Controlling Device (73):** Manages translation requests, receiving input from the user terminal (60) and the contents server (50).
  - Translation Fee Calculating/Notifying Device (77):** Calculates and notifies translation fees, receiving input from the translation request controlling device (73) and the contents registered DB (72).
  - Contents Registering Device (71):** Registers content, receiving input from the contents provider terminal (40) and the contents server (50).
  - DB Reference Controlling Device (74):** Controls database references, receiving input from the translation request controlling device (73) and the contents registered DB (72).
  - Translating Device (76):** Performs the translation, receiving input from the DB reference controlling device (74) and the translation request controlling device (73).
  - Contents Registered DB (72):** A database that stores registered content, connected to the contents registering device (71) and the DB reference controlling device (74).
  - Translation Processing Storing Device (75):** A storage unit containing a **CPU (78)** and **ROM (79)**.

The diagram shows various data flows (indicated by arrows) between these components, such as the flow of translation requests, content registration, and fee calculation.

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graph TD
    40[contents provider terminal] --> S1[contents provider information registering processing]
    50[contents server] --> S4[storing]
    60[user terminal] --> S2[registration]
    70[translation server] --> S2
    S1 --> S3[contents transmitting processing]
    S2 --> S7[conversion]
    S3 --> S4
    S4 --> S5[contents displaying processing]
    S5 --> S6[conversion request processing]
    S6 --> S7
    S7 --> S8[translation result transmitting processing]
    S8 --> S10[translation fee information transmitting processing]
    S10 --> S11[translation fee information inputting processing]
    S11 --> S12[translation fee charging processing]
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The flowchart illustrates the process flow of the translation system, involving four main components: contents provider terminal (40), contents server (50), user terminal (60), and translation server (70). The process begins with the contents provider terminal (40) performing 'contents provider information registering processing' (S1). This step leads to 'contents transmitting processing' (S3), which then connects to the 'storing' step (S4) on the contents server (50). The user terminal (60) performs 'registration' (S2), which also involves the translation server (70). The 'registration' step (S2) leads to the 'conversion' step (S7). The 'contents transmitting processing' (S3) also leads to the 'storing' step (S4). The 'storing' step (S4) leads to 'contents displaying processing' (S5), which then leads to 'conversion request processing' (S6). The 'conversion request processing' (S6) leads to the 'conversion' step (S7). The 'conversion' step (S7) leads to 'translation result transmitting processing' (S8), which then leads to 'translation fee information transmitting processing' (S10). The 'translation fee information transmitting processing' (S10) leads to 'translation fee information inputting processing' (S11), which then leads to 'translation fee charging processing' (S12). The 'translation fee information inputting processing' (S11) also receives input from the 'translation fee information transmitting processing' (S10). The 'translation fee charging processing' (S12) is the final step in the process.

FIG.3(PRIOR ART)

